

Amendment and Response

Applicant: Scott D. Sturgeon et al.

Serial No.: 10/035,588

Filed: October 18, 2001

Docket No.: 10001084-1

Title: REPLACEABLE INK CONTAINER FOR AN INKJET PRINTING SYSTEM

REMARKS

This Amendment accompanies a request for continued examination submitted concurrently. The final office action of the application rejected claims 1-20. In this amendment, claims 1-20 are being cancelled and claims 21-43 are being added.

The subject matter recited in claims 21-43 is fully supported by the specification, claims, and drawings as originally filed.

In addition, new independent claim 21 recites, amongst other things, "a substrate including a plurality of ink ejection elements that are arranged in N regions," "N region temperature sensors that each sense a temperature of one of the N regions," and "a controller that adjusts a temperature of the substrate based upon an output of each of the N region temperature sensors." These recitations, either individually or in combination are not found in the cited references.

New claims 22-30 depend from claim 21 and are allowable for at least the same reasons as recited with respect to claim 21.

Further, new independent claim 31 recites, amongst other things, "means for sensing a temperature of each of the N regions, and "means for adjusting a temperature of the substrate based upon an output of the means for sensing the temperature of each of the N regions." As these recitations are in means plus function language, the cited references do not contain equivalent structures that perform the recited functions, either individually or in combination.

New claims 32-37 depend from claim 31 and are allowable for at least the same reasons as recited with respect to claim 31.

Furthermore, new independent claim 38 recites, amongst other things, "a plurality of ink ejection elements that are arranged in N regions," "an ink supply including an ink having a pigment type," N region temperature sensors that each sense a temperature of one of the N regions," and "a controller that adjusts a temperature of the substrate based upon an output of each of the N region temperature sensors and the pigment type of the ink." These recitations, either individually or in combination are not found in the cited references.

New claims 39-43 depend from claim 38 and are allowable for at least the same reasons as recited with respect to claim 38.

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In light of the above, Applicant believes independent claims 21, 31, and 38, and the claims depending therefrom are in allowable condition. Allowance of these claims is respectfully requested.

Any inquiry regarding this Amendment should be directed to Dmitry Milikovsky at Telephone No. (858) 655-3251, Facsimile No. (858) 655-5859. In addition, all correspondence should continue to be directed to the following address:

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Respectfully submitted,



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